NPDES FORM 3510-6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 29460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY UNDER THE NPDES MULTI-SECTOR GENERAL PERMIT

FORM Approved OMB No. 2040-0004

Permit Information

Master Permit Number: PRR050000

NPDES ID: PRR053203

Eligibility Information

State/territory where your facility is discharging: $\ensuremath{\,{\rm PR}}$

Does your facility discharge to federally recognized Indian Country lands? $\underline{\text{No}}$

Are you a "Federal Operator" as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)? No

Which type of form would you like to submit? Notice of Intent (NOI)

By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.2.1. and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

Are you a new discharger or a new source as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp__appendix_a_definitions.pdf)? No

- → Have stormwater discharges from your facility been covered previously under an NPDES permit? Yes
 - → If yes, provide your most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP or the NPDES permit number if you had coverage under an EPA individual permit:

 PRR05BK78
- Are you discharging to any waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding National Resource water)? (See Appendix L (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-appendix L_-_list_of_tier_3_tier_2_and_tier_2.5_waters.pdf))

State: PR

What is the legal name of the Operator as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)? Peñuelas Valley Landfill, LLC.

What is the name of your facility or activity as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021 msgp - appendix a - definitions.pdf)? Peñuelas Valley Landfill

Operator Information

Operator Information

Operator Name: Peñuelas Valley Landfill, LLC.

Operator Mailing Address

Address Line 1: P.O. Box 918

Address Line 2: City: Punta Santiago

 ZIP/Postal Code:
 00741

 State:
 PR

County or Similar Division: Humacao

Operator Point of Contact Information

First Name Middle Initial Last Name: <u>Jorge A Melendez</u>

Title: Compliance Manager

Phone: 787-417-7109 Ext.:

Email: jmelendez@ecwaste.com

Facility Information

Facility Information

Facility Name: Peñuelas Valley Landfill

Facility Address

ZIP/Postal Code: 00624

Address Line 1: CARRETERA 385 KM 4.5

Address Line 2: BARRIO TALLABOA City: PEÑUELAS

County or Similar Division: Penuelas

Latitude/Longitude for the Facility

 $\textbf{Latitude/Longitude:}\ \underline{18.0123^{\circ}N,\,66.7011^{\circ}W}$

Latitude/Longitude Data Source: Map

Horizontal Reference Datum: NAD 83

General Facility Information

What is the ownership type of the facility? Privately Owned Facility

Estimated area of industrial activity at your facility exposed to stormwater (rounded to the nearest quarter acre): 169

Is your facility presently inactive and unstaffed? No

Exception for inactive and Unstaffed Facilities: The requirement for indicator monitoring, impaired waters monitoring, and/or benchmark monitoring does not apply at a facility that is inactive and unstaffed, as long as there are no industrial materials or activities exposed to stormwater.

If circumstances change during the permit term that affect your qualifications for this exception to monitoring requirements (i.e. industrial materials or activities exposure to stormwater or your facility's active/inactive and staffed/unstaffed status) you must submit a NOI notifying EPA of the change in circumstances.

Sector-Specific Information

Primary Sector: L1 Primary Subsector: L1

Primary Activity Code: LF

Co-Located Sectors:

Co-Located Sector: P1 Co-Located Subsector: P1 Co-Located SIC Code: 4212

Discharge Information

By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the authorized stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Other Discharge Information

Does your facility discharge into a Municipal Separate Sewer System (MS4)? No

Receiving Waters Information

List all of the stormwater discharge points from your facility

Discharge Point 001:

Applicable Sectors

Select the Sectors/Subsector(s) that apply to this discharge point.

	Sector	Subsector	SIC/Activity Code
€	L - LANDFILLS, LAND APPLICATION SITES, AND OPEN DUMPS	L1 - All Landfill, Land Application Sites and Open Dumps	LF
€	P - LAND TRANSPORTATION AND WAREHOUSING	P1 - Railroad Transportation; Local and Highway Passenger Transportation; Motor Freight Transportation and Warehousing; United States Postal Service; Petroleum Bulk Stations and Terminals	4212

Federal Effluent Limitation Guidelines:

Identify the Effluent Limitation Guideline(s) that apply to your stormwater discharges.

40 CFR Part/Subpart	Eligible Discharges	Affected MSGP Sector	New Source Date	Applicability
Part 445, Subpart A & B	Runoff from hazardous waste and non-hazardous waste landfills	L	02/28/2000	Does your discharge point have any discharges subject to this effluent limitation guideline? Yes

Are you requesting permit coverage for any stormwater discharges subject to effluent limitation guidelines? Yes

 $\textbf{Latitude/Longitude:}\ \underline{18.0028^{\circ}N,\,66.7011^{\circ}W}$

☐ This discharge point is Substantially Identical to an existing discharge point.

Receiving Water

GNIS Name: Waterbody Name: Listed Water ID: n/a ephemeral stream that discharges to Caribbean Se n/a n/a

Is this receiving water saltwater or freshwater? Freshwater

Is this receiving water designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water)?

No

Will you have stormwater discharges from paved surfaces that will be initially sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit? No

Benchmark Monitoring

Are you subject to benchmark monitoring requirements for a hardness-dependent metal? $\underline{\text{No}}$

Impaired Waters Monitoring

NOTE: The information automatically populated in this section may be outdated and inaccurate (i.e. determining if the receiving water is listed as impaired on the 303(d) list, the cause(s) of the impairment if impaired, the pollutant(s)). It is recommended that you consult with your state's guidance for discharges into impaired waters to determine whether the receiving water is listed as impaired and, if so, the correct causes for the impairment and pollutant(s) and update the information accordingly.

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? Yes

Cause of Impairment Group	Pollutant	
TEMPERATURE	Temperature, water deg. centigrade	
PH/ACIDITY/CAUSTIC CONDITIONS	рН	

Has a TMDL been completed for this receiving waterbody? No

SWPPP Information

Has the SWPPP been prepared in advance of filing this NOI, as required? $\underline{\text{Yes}}$

SWPPP Contact Information:

First Name Middle Initial Last Name: Jorge A Melendez

Phone: 787-417-7109 Ext

Email: jmelendez@ecwaste.com

SWPPP Availability:

Your current SWPPP or certain information from your SWPPP must be made available through one of the following three options. Select one of the options and provide the required information

Note: you are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp__appendix_a_-definitions.pdf)) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.

☐ Option 1: Attach a current copy of your SWPPP to this NOI.

 \square Option 2: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).

 $\ensuremath{\underline{\mathbf{G}}}$ Option 3: Provide the following information from your SWPPP:

A. Describe your onsite industrial activities exposed to stormwater and potential spill and leak areas.

e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams

1) Waste Transportation 2) Leachate collection & storage system 3) Landfill Operations 4) Exposed soil from excavating cells & trenches 5) Exposed stockpiles of cover material 6) Inactive cells covered but not finally stabilized 7) Daily or intermed iate cover placed on cells 8) Haul roads 9) Vehicle fueling 10) Material unloading/loading 11) Vehicle storage and Outdoor p arking 12) Non-hazardous wastes storage for disposal (domestic waste) 13) Material storage.

B. List the pollutants(s) or pollutant constituent(s) associated with each industrial activity exposed to stormwater that could be discharged in stormwater and/or in any authorized non-stormwater discharges listed in Part 1.1.3.

1) Waste Transportation: Total Suspended Solids (TSS), TDS, turbidity, floatables 2) Leachate collection & storage: Metals, TSS, BOD, chemicals, pH 3) Landfill Operations: BOD, TSS, TDS, turbidity 4) Exposed soil from excavating cells & trenches: TSS, TDS, turbidity 5) Exposed stockpiles of cover material: TSS, TDS, turbidity 6) Inactive cells covered but not finally st abilized: TSS, TDS, turbidity 7) Daily or intermediate cover placed on cells: TSS, TDS, turbidity 8) Haul roads: TSS, TDS, turbidity 9) Vehicle fueling: Diesel, oil, grease 10) Material unloading / loading: Diesel, oil, grease 11) Vehicle storage and Outdoor parking: Diesel, gasoline, oils, TSS, coolants, sediment 12) Non-hazardous wastes storage for disposal (domestic waste): Floatables, dirt, debris 13) Material storage: Diesel, oils, paint, lubricants, adhesives and sealants, cleaning sol vents, transmission fluids, coolants, lube oils 14) Authorized non-stormwater discharges: discharges from emergency fire-fighting activities, landscape irrigation, water used to control dust, routine external building washdown with no detergents or hazardous chemicals, uncontaminated a/c condensation or compressor condensate.

C. Describe the control measures you will employ to comply with the non-numeric technology-based effluent limits required in Part 2.1.2 and Part 8, and any other measures taken to comply with the requirements in Part 2.2 Water Quality-Based Effluent Limitations (see Part 5.2.4).

1) Minimize exposure with roofs, grading to divert/manage stormwater, unloading of oils/diesel in dry weather, proper fuelin g practices, roof & concrete dikes at oil/diesel tanks, concrete dike and catch basin at fueling station, spill overflow pro tection equip or safe measurement mechanisms, spill kits, drip pans, clean spills immediately with dry methods, inspect vehi cle regularly, vehicle washing off-site, careful material storage, material inventory procedures; 2) Good Housekeeping at ve hicle/equipment parking area, fueling area, vehicle washing prohibited onsite, unless conducted on a control area that will impede washed water getting access to storm water system, proper materials storage practices, proper vehicle & equipment mai ntenance practices, zero locomotive sanding practices onsite, regular waste disposal, routine cleanup; 3) Maintenance: Preve ntive Maintenance & Visual Inspection Program; Leachate Collection System and Tanks Maintenance; 4) Implement the facility's SPCC Plan including labeled containers, material storage/handling, staff training, tank inspections; 5) Erosion & Sediment C ontrols include diversion of storm flows to prevent runoff contamination by means of berms, curbs, hay bales; placing tarp t o cover solid waste pending disposal; earth dikes with vetiver cross barriers, rock outlet protection, pippins, culverts, se diment ponds to reduce the velocity flow across the site, access road side ditch drainage, prevention of unplanned water pon ding, sediment/detention pond to capture sediments from stormwater before leaving site and regulate discharge rates; stabili ze soils with temporary seeding and/or geotextiles, landscape to prevent erosion and sedimentation; 6) Runoff management: st ormwater collection earth channels, permanent sediment basin, temporary sediment basins; 7) No salt storage on site; 8) Dust generation minimal because of paved surfaces, tarps and covered trucks to prevent, clean areas, vehicle inspection and no wa ste hauling to prevent vehicle tracking of industrial material; 9) Implementation of Employee training program; 10) no illic it plumbing connections between shop floor drains and stormwater drains; 11) Inspections of storage areas for vehicle/equip ment awaiting maintenance, fueling areas, vehicle/equipment maintenance areas, material storage areas, loading/unloading are as, Leachate Collection System & Tanks; 12) Implementation of Leachate collection system including: landfill liner in conjun ction with leachate collection system (piping, tanks) prevents movement of soluble suspended or miscible materials removed f rom sanitary waste, management of leachate outbreaks through excavation or holes to fill with drainage material , covered an d compacted, collected leachate is transported offsite or re-recirculated within the lined areas of the landfill, double wal led piping to protect from leaks.

D. Provide a schedule for good housekeeping and maintenance (see Part 5.2.5.1) and a schedule for all inspections required in Part 4 (see Part 5.2.5.2).

Good housekeeping Program & Schedule: Regular Waste Management / Disposal (daily), Routine Cleanup Operations (daily), Proper Materials storage (at all times), Regular Inspections of tanks, drums, product containers, leachate collection system and tanks (monthly). Maintenance Inspection Program & Schedule: Above ground storage tanks (AST), Leachate collection system: piping, ancillary equipment and outside sections of the tanks loading/unloading areas (weekly), AST & Leachate collection system mechanical & electrical components; Secondary containment systems, spill response supplies available, material storage area, entrance, access roads and loading/unloading areas, active cells, spill response kits (monthly); Roofs & gutters, stor mwater structural systems including curbs, earth dikes/channels, roadside ditches, pipes, culverts, piping outfalls, permanent sedimentation, temporary sediment pond, permanent sediment pond, inactive cells (quarterly); AST Integrity Tests (every 5 years); Discharge point (monthly) and sample (quarterly).Benchmark Monitoring (quarterly)Effluent Limitations Guideline Mo nitoring (annual).

Endangered Species Protection Worksheet: Criterion C1

The following questions will help you determine your eligibility under Part 1.1.4 of the permit with respect to protection of Endangered Species Act (ESA) species and critical habitat(s). Please refer to Appendix E (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-appendix_e__protection_glog-portection.pdf) of the 2021 MSGP for important information regarding your obligations under this permit concerning ESA-protected species and critical habitat(s).

Determine ESA Eligibility Criterion

Are your industrial activities already addressed in another operator's valid certification of eligibility for your "action area" under eligibility criteria A, C, D, or E of the 2021 MSGP? Yes

→ I have confirmed that the other operator's certification of eligibility accounted for my action area and that the eligibility determination was valid. False

Are your industrial activities the subject of a permit under section 10 of the ESA by the USFWS and/or NMFS, and this authorization addresses the effects of your facility's discharges and discharge-related activities on ESA-listed species and critical habitat?

No

You must determine whether species listed as either threatened or endangered under the Endangered Species Act, and/or their critical habitat are located in your facility's action area. ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS.

Determine Your Action Area

Your "action area" (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-appendix_a_-_definitions.pdf)) includes all areas to be affected directly or indirectly by the action and not merely the immediate area involved in the action, including areas beyond the footprint of the facility that are likely to be affected by stormwater discharges, discharge-related activities, and authorized non-stormwater discharges. You must select and confirm that all the following are true:

- In determining my "action area", I have considered that discharges of pollutants into downstream areas can expand the action area well beyond the footprint of my facility and the discharge point(s). I have taken into account the controls I will be implementing to minimize pollutants and the receiving waterbody characteristics (e.g. perennial, intermittent, ephemeral) in determining the extent of physical, chemical, and/or biotic effects of the discharges. I confirm that all receiving waterbodies that could receive pollutants from my facility are included in my action area.
- In determining my "action area", I have considered that discharge-related activities must also be accounted for in determining my action area. I understand that discharge-related activities are any activities that cause, contribute to, or result in stormwater and authorized non-stormwater point source discharges, and measures such as the siting, construction, and operation of stormwater controls to control, reduce, or prevent pollutants from being discharged. I understand that any new or modified stormwater controls that will have noise or other similar effects, and any disturbances associated with construction of controls, are part of my action area.

Provide a written description of your action area and explain your rationale for the extent of the action area drawn on your map. Click here for an example.

Federally listed threatened or endangered species are likely to occur in or near our facility's "action area," and our indus trial activity's discharges and discharge-related activities are not likely to adversely affect listed threatened or endange red species. No Federally listed designated critical habitat(s) are likely to occur in or near our facility's "action area".

Attach a map of the action area for your facility. Mapping tool IPaC (the Information, Planning, and Consultation System) located at http://ecos.fws.gov/lipac/ (https://ecos.fws.gov/lipac/) or click here (/netmsgp/documents/action_area_example.pdf) for an example

Name	Uploaded Date	Size
♣ Penuelas Site Map.pdf (attachment/718947)	05/28/2021	288.27 KB

Determine if ESA-listed species and/or critical habitat are in your facility's action area.

ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS, and in many cases, you will need to acquire species and critical habitat lists from both federal agencies.

National Marine Fisheries Service (NMFS)

To obtain NMFS-listed species and critical habitat information, use the resources listed below

NOAA Fisheries, Regions Page (https://www.fisheries.noaa.gov/regions)
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For the Northeastern U.S.:

NOAA Fisheries Greater Atlantic Region ESA Section 7 Mapper (https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=1bc332edc5204e03b250ac11f9914a27)

For Puerto Rico:

- Acropora critical habitat map (https://www.fisheries.noaa.gov/resource/map/acropora-elkhorn-and-staghorn-coral-critical-habitat-map-and-gis-data)
 Green turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/green-turtle-critical-habitat-map-and-gis-data)
- Hawksbill Turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/hawksbill-turtle-critical-habitat-map-and-gis-data)

West Coast Region Protected Resources App (https://www.webapps.nwfsc.noaa.gov/portal/apps/webappviewer/index.html?id=7514c715b8594944a6e468dd25aaacc9)

Pacific Islands:

Contact the Pacific Islands Regional Office at (808) 725-5000 or pirohonolulu@noaa.gov (mailto:pirohonolulu@noaa.gov)

I have checked the webpages listed above and confirmed that: There are no NMFS-listed species and/or critical habitat in my action area

U.S. Fish and Wildlife Service (USFWS)

To obtain FWS-listed species and critical habitat information, use the resources listed below

- IPaC (the Information, Planning, and Consultation System) (https://ecos.fws.gov/ipac/)
- For instructions for using IPaC, click here.

I have checked the webpages listed above and confirmed that: There are FWS-listed species and/or critical habitat in my action area

For FWS species, include the full printout from your IPaC query/Official Species List.

Name	Uploaded Date	Size
♣ general_design_guidelines_combined.pdf (attachment/718948)	05/28/2021	549.22 KB

You may be eligible under Criterion C. You must assess whether your discharges and discharge-related activities are likely to adversely affect ESA-listed species or critical habitat, and whether any additional measures are necessary to ensure no likely adverse effects. In order to make a determination of your facility's likelihood of adverse effects, you must complete the Criterion C Eligibility fields below.

Criterion C Eligibility

Select which applies

Criterion C1: Facility eligible for Criterion C in the 2015 MSGP with no change to ESA-listed species, critical habitat, or action

Your facility was eligible for Criterion C in the 2015 MSGP and there has been no change in your facility's action area and you have confirmed that there are no additional ESA-listed species or critical habitat under the jurisdiction of USFWS and/or NMFS in your action area since your certification under Criterion C in the 2015 MSGP. You must provide a description of the basis of this criterion selected on your NOI form and provide documentation supporting your eligibility determination in your SWPPP.

I am seeking coverage under the MSGP as an existing discharger and there are no modifications to my facility.

Provide a basis statement providing the USFWS and/or NMFS resources consulted that helped you determine that there are no additional ESA-listed species and/or critical habitat have been listed by under the jurisdiction of the Services in your action area.

We did a research on the IPac database from the US Fish and Wildlife Service website. The site location shows a total of 6 E SA, which are the same 6 ESA enlisted from since 2014. The ESA -listed species and/or critical habitat are the following:

- 1) Puerto Rican Boa 10-13-1970
- 2) Puerto Rican nightjar 06-04-1973
- 3) Bariaco 02-05-1988
- 4) Eugenia woodburyana 09-09-1994
- 5) Vahl's Boxwood 08-13-1985
- 6) Varronia rupicola 10-09-2014

Hence, there has been no change on the ESA-listed species or critical habitat under the jurisdiction of the USFWS and/or NMF S in our action area since our certification under Criterion C in the 2015 MSGP.

Note: Any missing or incomplete information in this section may result in a delay of your coverage under the permit.

Historic Preservation: Criterion A

The following questions will help you determine your eligibility under Part 1.1.5 of the permit with respect to preservation of historic properties. You may still use the paper instructions in Appendix F (https://www.epa.gov/sites/production/files/2021-01/idocuments/2021_msgp_- appendix_f__procedures_relating_to_historic_properties_preservation.pdf) of the MSGP in advance or in conjunction with answering the questions in this section of the form. For more information about your State Historic Preservation Office (SHPO) or Tribal Historic Preservation Office (THPO), please visit the National Park Service (NPS) websites at:

- State Historic Preservation Office (SHPO) (https://www.nps.gov/subjects/nationalregister/state-historic-preservation-offices.htm)
- Tribal Historic Preservation Office (THPO) (https://www.nps.gov/history/tribes/Tribal_Historic_Preservation_Officers_Program.htm)

Are you an existing facility that is resubmitting for certification under the 2021 MSGP? $\underline{\text{Yes}}$

→ If you are an existing facility you should have already addressed National Historic Preservation Act (NHPA) issues. To gain coverage under the 2015 MSGP, you were required to certify that you were either not affecting historic properties or had obtained written agreement from the relevant SHPO or THPO regarding methods of mitigating potential impacts.

Will you be constructing or installing any $\underline{\text{new}}$ stormwater control measures? $\underline{\text{No}}$

You are eligible under Criterion A.

Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Jaime Jaen

Certifier Title:

Certifier Email: jjaen@ecwaste.com

Certified On: 05/29/2021 10:31 AM ET